

**AMENDMENTS TO THE CLAIMS**

1. - 20. (Canceled)

21. (Currently Amended) An isolated nucleic acid selected from the group consisting of:

(a) SEQ ID NO: 2194;~~and~~

(b) a DNA encoding the sequence of (a), wherein the DNA is identical in length to the sequence of (a); and

(c) the complement of (a) or (b), wherein the complement is identical in length to (a) or (b).

22. (Currently Amended) An isolated nucleic acid selected from the group consisting of:

(a) SEQ ID NO: 5264;~~and~~

(b) a DNA encoding the sequence of (a), wherein the DNA is identical in length to the sequence of (a); and

(c) the complement of (a) or (b), wherein the complement is identical in length to (a) or (b).

23. - 32. (Canceled)

33. (Previously Presented) A vector comprising a heterologous sequence, wherein the heterologous sequence consists of the sequence of the nucleic acid of claim 21.

34. (Previously Presented) A vector comprising a heterologous sequence, wherein the heterologous sequence consists of the sequence of the nucleic acid of claim 22.

35. - 44 (Canceled)

45. (Previously Presented) A probe comprising a heterologous sequence, wherein the heterologous sequence consists of the sequence of the nucleic acid of claim 21.

46. (Previously Presented) A probe comprising a heterologous sequence, wherein the heterologous sequence consists of the sequence of the nucleic acid of claim 22.

47. (Canceled)